

SKOROKHODOV, N.Ye., prof. otv. red.; AGAPOV, V.F., prof. po
nauchnoy rabote, dots., red.; BOYARSHINOV, M.I., prof.,
red.; VESELOVSKAYA, Ye.S., red.; GAGEN-TORN, A.V., red.;
GOL'DSHTEYN, N.A., red.; IVANOV, N.I., kand. tekhn. nauk,
dots., red.; KORZH, P.D., prof., red.; PETROV, V.M., dots.
kand. tekhn. nauk, red.

[30 years of the Magnitogorsk Mining and Metallurgical
Institute] XXX let MGMI. Magnitogorsk, 1962. 170 p.
(MIRA 17:3)

1. Magnitogorsk. Gorno-metallurgicheskiy institut.
2. Sekretar' partiynogo byuro Magnitogorskogo gorno-metallurgicheskogo instituta (for Petrov).
3. Dekan metallurgicheskogo fakul'teta Magnitogorskogo gorno-metallurgicheskogo instituta (for Ivanov).
4. Zaveduyushchiy kafedroy fiziki Magnitogorskogo gorno-metallurgicheskogo instituta (for Korzh).
5. Zaveduyushchiy kafedroy obrabotki metallov davleniye. Magnitogorskogo gorno-metallurgicheskogo instituta (for Boyarshinov).

BOROKHOVICH, A.I., kand.tekhn.nauk; VESELOVSKAYA, Ye.S., inzh.

Cleaning contaminated water from mechanical admixtures in a hydrocyclone. Gor.zhur. no.3:74-75 Mr '65. (MIRA 18:5)

1. Magnitogorskiy gorno-metallurgicheskiy institut.

ANDRUYEVA, I.N.; ARKHIPOVA, Z.V.; VESELOVSKAYA, Ye.Y.; LEVINA, A.A.;
ANTOKOL'SKAYA, Ye.M.; LAZAREVA, N.P.; SAZHIN, B.I.; KHIN'KIS,
S.S.; SHCHERBAK, P.N.; GERBIL'SKIY, I.S.; LYANDZBERG, G.Ya.;
PARAMONKOVA, T.V.; PECHENKIN, A.L.; YEGOROV, N.M., red.;
SHUR, Ye.I., red.; FOMKINA, T.A., tekhn.red.

[Low-pressure polyethylene] Polietilen nizkogo davleniya.
Izd.2., ispr. i dop. Leningrad, Gos.nauchno-tekhn.izd-vo
khim.lit-ry, 1960. 95 p. (MIRA 14:1)

1. Nauchno-issledovatel'skiy institut polimerizatsionnykh plast-
mass (for all, except Yegorov, Smr, Fomkina).
(Polyethylene)

VESELOVSKAYA, Ye. V.

5(3)

PHASE I BOOK EXPLOITATION

SOT/1639

Polietilen nizkogo davleniya (Low-pressure Polyethylene) Leningrad,
Goskhimizdat, 1958. 90 p. (Series: Novyye plasticheskiye massy) 10,000
copies printed.

Ed. (Title page): N.M. Yegorov; Ed. (Inside book): Ye. I. Shur;
Tech. Ed.: Ye. Ya. Erlikh.

PURPOSE: This booklet is intended for mechanics, engineers and technicians in chemistry, petroleum technology, foods, pharmaceuticals, electrical engineering, battery manufacturing, radio engineering, automobile manufacturing, high-frequency engineering, television, communications, machine- and ship-building, aviation, construction and other branches of industry employing plastic materials.

COVERAGE: The booklet describes a new material: polyethylene produced at low pressures. Its industrial preparation and properties are described along with methods of making articles from this material and its application in building technology, medicine and other branches of science. The booklet was compiled by personnel of the Scientific Research Institute for Polymerized Plastics:
Ch. I.: I.N. Andreyeva, Z.V. Arkhipova, Ye.V. Veselovskaya, A.A. Levina;

Card 1/4

Low-pressure Polyethylene

SOV/1639

Ch. II.: I.N. Andreyeva, Ye. M. Antokol'skaya, Z.V. Arkhipova, N.P. Lazareva, B.I. Sazhin, S.S. Khin'kis, and P.N. Shcherbak; Ch. III.: I.S. Gerbil'skiy, G. Ye. Lyandzberg, G.V. Paramonkova and A.L. Pechenkin. There are no references.

TABLE OF CONTENTS:

Foreword	3
Introduction	4
Ch. I. Preparation of Polyethylene at Low Pressures	7
Polymerization	7
Washing polyethylene from catalyst residues and regenerating the solvent	11
Ch. II. Properties of Polyethylene	14
Physicochemical properties	14
Wettability	25
Chemical stability	26
Dielectric properties	28
Dielectric constant and dielectric loss	28

Card 2/4

Low-pressure Polyethylene

80V/1639

Resistivity and electric strength
Aging of low-pressure polyethylene

32
43

Ch. III. Manufacture of Polyethylene Articles and Their Fields of
Application

Die casting

55
56
61

Extrusion method of processing

70

Coating of conductors with polyethylene insulation

71

Processing low-pressure polyethylene by press forming

Applying protective coatings of low-pressure polyethylene to
metal parts by fusion

76

Welding plates and pipes of low-pressure polyethylene and the
formation of sheets (bending operations)

77

Welding sheets and plates

78

Welding pipes and welding on flanges

80

Making T-joints by welding pipes at right angles

83

Length-wise welding of tubing from sheets of low-pressure
polyethylene for ventilation and other purposes

84

Bending low-pressure polyethylene sheets and plates to a given angle

86

Welding low-pressure polyethylene parts with a rod and employing a
stream of hot air or nitrogen

87

Card 3/4

Low-pressure Polyethylene

SOV/1639

Machining of articles from low-pressure polyethylene
Fields of application of low-pressure polyethylene

88

89

AVAILABLE: Library of Congress

TM/mas
5-26-59

Card 4/4

ANDREYEVA, I.N.; ARKHIPOVA, Z.V.; VESELOVSKAYA, Ye.V.; LEVINA, A.A.;
ANTOKOL'SKAYA, Ye.M.; LAZAREVA, N.P.; SAZHIN, B.I.; KHIN'KIS,
S.S.; SHCHERBAK, P.N.; GERBIL'SKIY, I.S.; LYANDZBERG, G.Ya.;
PARAMONKOVA, G.V.; PECHENKIN, A.L.; YEGOROV, N.M., obshchiy
red.; SHUR, Ye.I., red.; ERLIKH, Ye.Ya., tekhn.red.

[Low-pressure polyethylene] Polietilen nizkogo davleniya.
Leningrad, Gos.nauchno-tekhn.izd-vo khim.lit-ry, 1958. 90 p.
(Polyethylene)

VESELOYSKAYA, YE. V.

YEGOROV, N.M.; ARKHIPOVA, Z.V.; VESELOYSKAYA, Ye. V.; LEVINA, A.A.; SEMENOVA,
A.S.; BULAVSKIY, A.G.; ANDREYEVA, I.N.

Cyclic and continuous methods for the polymerization of ethylene
at low pressures. Khim. nauka i prom. 2 no.3:398-399 '57.

(MLIA 10:8)

1. Nauchno-issledovatel'skiy institut polimerizatsionnykh plastmass.
(Ethylene) (Polymerization)

VESELOVSKIY, A., inzh.

Building and installing propeller shafts. Voen.znan. 36 no.5:36
My '60. (MIRA 13:4)

1. Tsentral'naya laboratoriya morskogo modelizma Dobrovol'nogo
obshchestva sodeystviya armii, aviatsii i flotu SSSR.
(Ship models)

VESELOVSKIY, A., inzh.

Device to keep yacht models on course, Voen. znan. 35 no.7:35
Voen. znan. 35 no.7:35 J1 '59. (MIRA 12:12)
(Yachts and yachting--Models)

VESELOVSKIY, A.; ZAKHAROV, S.; KONYUSHENKO, I.A.. red.; BLAZHENKOVA, G.I.,
tekhn.red.

[Models of naval vessels] Modeli voennyykh korablei. Moskva,
Izd-vo DOSAAF, 1958. 28 p. (MIRA 12:2)
(Warships--Models)

VEST'LOVSKIY, A.

Models of yachts in the international class. Voen.znan. 34 no.4:30
Ap '58. (MIRA 11:4)

1. Glavnyy inzhener Tsentral'noy laboratorii morskogo modelizma
Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flota SSSR.
(Yachts and yachting--Models)

B-I-8

SC

PRODUCTION AND PROPERTIES (Mg)

Production of potassium sulphate by treatment of carnallite with sulphuric acid. A. A. Yashin and V. F. Nizhnanov (Kali, U.S.S.R., 1933, No. 10, 36-38).—Washing of the sulphates (K_2SO_4 , 36.4%, $MgSO_4$, 36.10, Na_2SO_4 , 37.08%) with H₂O at 33° afforded a residue of 16.3% of pure K_2SO_4 ; the solution was cooled to 11°, the crystals being discarded, and used again as solvent at 33°. The undissolved crystals, K_2SO_4 , 33, $MgSO_4$, 44%, were treated with KCl and the cycle was repeated. Ch. Ann.

ASIS-SEA METALLURGICAL LITERATURE CLASSIFICATION

FROM STUDIES

FROM COMING

CLASSIFICATION

CLASSIFICATION

BC

B-D-8

Preparation of chrome-yellow from lead formate.
J. N. Schinner and E. A. Vandenbrouck (J. Appl. Chem. Res., 1933, 6, 683-684). Good quality chrome-yellow is obtained by adding H_2CrO_4 and H_2SO_4 to saturated aq. $(\text{HCOO})_2\text{Pb}$, or to its paste with an equal wt. of H_2O . R. T.

ASB-614 METALLURGICAL LITERATURE CLASSIFICATION

FORM SYNDICATE

FORM 600000

REPRINTED BY THE U.S. GOVERNMENT

1ST AND 2ND COLUMNS																										1ST AND 2ND COLUMNS																									
PROCESSING AND PROPERTIES INDEX																										PROCESSING AND PROPERTIES INDEX																									
<p>Investigation of conditions for optimum extraction of alumina from clays of the Gumeshev and the Ivanov deposits. A. A. Veklovskii and V. D. Ponomarev. <i>Trudy Ural. Inst. Tsel. 1933, No. 7, 21-42; Khim. Referat. Zhur. 1, No. 11-12, 107-4 (1933).</i>—The possibility of obtaining $Al_2(SO_4)_3$ from the clays was investigated.</p> <p>The clays were heated for 1-3 hrs. at $600-800^\circ$, and then boiled with a calcd. amt. of 11-34%, according to the content of clay substance. The detn. was made by the Jaff and Steinbrecht method, which gave excessive values. Corrected results were obtained from lab. boiling. The clays were heated at 700° for 2-3 hrs. A temp. increase increased the Al and the Fe yields. Optimum length of boiling was 5-6 hrs. A titrimetric detn. of the acidity of the lixiviates gave lowered results, especially with lixiviates which were yellowish in color. An empirical correction must be made for the detn. of the true free acid. In order to prevent a hydrolytic splitting of $Al_2(SO_4)_3$, the lixiviates of the black and of the white boiling processes must be weakly acidic. This was obtained by an addn. of 80-82% of the calcd. amt. of acid for the Gumeshev clay, and of 93-94% for the Ivanov clay, in the process of black boiling, and by the addn. of a freshly prep. Al_2O_3 hydrate in the process of white boiling. The Gumeshev clays did not produce a product whose Fe content agreed with the prescribed standard, and therefore they can be used to better advantage for the production of coagulant instead of $Al_2(SO_4)_3$.</p> <p style="text-align: right;">W. R. Henn</p>																																																			
<p>AS 6-51 A METALLURGICAL LITERATURE CLASSIFICATION</p>																																																			

1ST AND 2ND CODES										3RD AND 4TH CODES									
PROCESSING AND PROPERTIES - C-1																			
<div style="display: flex; justify-content: space-between;"> C1 26 </div> <p> Chrome yellow from lead formate. N. N. Rikunov and A. A. Yezhovskii, <i>J. Applied Chem.</i> (U. S. S. R.) 8, 665 (1935). $Pb(HCO_2)_2$ (10 parts) was dissolved in 10 parts hot H_2O and to the soln. was added 10 parts of cold H_2O. A second soln. was prepd. from 2 parts $K_2Cr_2O_7$ in 10 parts hot H_2O and 1-2 parts strong H_2SO_4; this soln. was added with 10 parts H_2O. When both solns. were cold, the second was poured into the first soln. with constant agitation. The product was equal to that obtained from other sol. Pb salts, and all the methods used in other preps. of chrome yellow can be applied to the prepn. from the formate. The prepn. of chrome yellow by the dry process is much simpler and it may be recommended if there are no particular conditions attached to the quality of the color. A. A. Bozhilinsk </p>																			
ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION																			
<div style="display: flex; justify-content: space-between;"> 1000-1000 1000-1000 </div>																			

107 AND 108 (1978)

PROCESSES AND PROPERTIES INDEX

109 AND 516 (1978)

Ca

18

Production of potassium sulfate by treatment of carnallite with sulfuric acid. A. A. Venzhyrskii and V. F. Nezhdanov. *Kazhik* (U. S. S. R.) 1933, No. 10, 36-43. The equil. of K_2SO_4 - $MgSO_4$ - Na_2SO_4 - H_2O system, obtained by treatment of carnallite with H_2SO_4 , was studied to develop a com. method for sepa. of these sulfates. The washing of sulfates (K_2SO_4 , 26.45; $MgSO_4$, 30.00; Na_2SO_4 , 37.55%) with H_2O at 33° yielded 18.2% of pure K_2SO_4 , left as undissolved salt (or 64% of the total K_2SO_4 in the sulfate mixt.). The soln. from this washing was cooled to 11° ; the crystal. salts were discarded; the soln. was diluted, heated to 33° and used to dissolve a second portion of sulfate mixt. The undissolved crystals left from the second portion had 82% K_2SO_4 and 18% $MgSO_4$ (in the form of $K_2SO_4 \cdot MgSO_4 \cdot 6H_2O$ 82%; $MgSO_4 \cdot 7H_2O$ 18%) and were converted to K_2SO_4 by double decomposition, reaction with KCl. The soln. was cooled again and the cycle repeated. James Sorrel

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

FROM STUDENT

ASSIGNMENT

DATE

ca

6

Reactions of the higher oxides of iron with the sulfides of heavy metals. V. I. Smirnov and A. A. Veselovskii. *Trudy Vses. Inst. 1938, No. 3, 39-45; Khim. Referat, Zhur. 1, No. 11-12, 30 (1938).* The reaction of Fe_2O_3 with the sulfides of heavy metals was investigated from the point of view of their character and the completeness of the reactions in systems $FeS-Fe_2O_3$, $FeS-Fe_3O_4$, $FeS_2-Fe_2O_3$, $Cu_2S-Fe_2O_3$, $Cu_2S-Fe_3O_4$, $ZnS-Fe_2O_3$, and $ZnS-Fe_3O_4$. The reactions took place in a line oven in an atm. of N carefully purified from admixts. of O. The results for each system are given in diagrams. Fe_2O_3 shows a high chem. activity toward the sulfides of heavy metals. The reaction between Fe_2O_3 and the heavy metal takes place in 2 stages; in the first of these (500-550°) Fe_2O_3 is reduced to Fe_3O_4 , and in the second (at a higher temp.) Fe_3O_4 is reduced to FeO in the presence of an excess of the sulfide. The presence of silica shortens the time of the reduction of Fe_2O_3 and lowers the temp. of the reaction. Max. activity is shown by FeS, and min. by Cu_2S . W. R. Henn

ASME METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND EDITIONS																										3RD AND 4TH EDITIONS																									
PROCESSING AND PROPERTY INDEX																																																			
<p>18</p> <p><i>ca</i></p> <p>Carnallites of Northern Ural and their refining. N. N. ERMENOV AND A. A. VASS-LOVSKIY. <i>Zhur. Prikladnoi Khim.</i> 2, 827-89(1929). About 22 billion tons, with an av- erage content of 21% of K salts, are available; 73-75% of them are carnallites and 27-25% silvinites. Chem analysis of 1 of the samples showed KCl 23.65, MgCl₂ 25.98, H₂O 28- (x), NaCl 20.60, CaSO₄ 0.68, insol. residue 0.78. It is possible to enrich the rock me- chanically. A cold method for sepr. the salts is described. V. KALICHVANSKY</p>																																																			
<p>ASD-LLA METALLURGICAL LITERATURE CLASSIFICATION</p> <p>STON: 519 0219</p> <p>STON: 519 0219</p>																																																			

VESELOVSKIY, A.

Stability of models on a course. Voen. znan. 37 no.9:34 S '61.
(MIRA 14:9)

1. Nachal'nik Tsentral'noy laboratorii morskogo modelizma
Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu.
(Ships--Models)

VESELOVSKIY, A., sud'ya I kategorii po morskomu modelizmu.

Builders of high-speed models at the starting line. Voen.znan.
37 no.4:33-34 Ap '61. (MIRA 14:4)

(Motorboats--Models)

VESELOVSKIY, A.I.; GLUKHOVTSEV, S.A.; ZAKHAROV, S.N.; KRIVONOSOV, L.M.;
GRIGOR'YEVA, A.I., red.; KARYAKINA, M.S., tekhn.red.

[Ship models] Mornkoi modelizm. Moskva, Izd-vo DOSAAF, 1960.
316 p. (MIRA 13:11)
(Ship models)

VESELOVSKIY, A.M.

PANASYUK, V.G., dotsent; VESELOVSKIY, A.M.; OVCHARENKO, A.P.

Characteristics of lignin processed from cotton seed hulls by hydrolysis.
Gidroliz. i lesokhim. prom. 8 no.4:16-18 '55. (MLRA 8:9)

1. Dnepropetrovskiy khimiko-tehnologicheskii institut.
(Lignin) (Cotton seed)

VESELOVSKIY, A., sud'ya respublikanskoy kategorii po sudomodel'nomu sportu
(Moskva)

Automatic unit for controlling a model submarine. Voen. znan. 39
no.3:30-31 Mr '63. (MIRA 16:7)
(Ship models) (Automatic control)

VESELOVSKIY, Aleksandr Ivanovich; KATIN, Lev Nikolayevich;
KONYUSHENKO, I.A., red.; PELYCHENKO, N.I., red.; SORKIN,
M.Z., tekhn. red.

[Radio-controlled ship models] Radioupravliaemaia model'
korablia. Moskva, Izd-vo DOSAAF, 1963. 80 p.
(MIRA 16:10)

(Ship models--Radio control)

AUTHOR: Veselovskiy, A.N. SOV/19-58-6-180/685

TITLE: Protection for Electric Three-Phase Installations
(Zashchita trekhfaznykh elektroustanovok)

PERIODICAL: Byulleten' izobreteniy, 1958, Nr 6, p 43 (USSR)

ABSTRACT: Class 21c, 70. Nr 113776 (583400 of 18 Sep 1957). Submitted to the Committee for Inventions and Discoveries at the Ministers Council of USSR. Protection for electric three-phase installations by three fuses, with the fusing of one causing the circuit of the other phases to be broken. To make the protection more reliable and increase the interrupting power of the fuse, the middle portion of the fuse insert is placed into a metal casing electrically connected with one of the adjacent phases through the fusing insert.

Card 1/1

BIDA, Ye.M., inzh.; IVLEYEV, A.P., inzh.; VESELOVSKIY, A.P., inzh.;
POPOVNIK, M.G., inzh.

Use of transformer insulating oils in a municipal electric power
distribution network. Elek. sta. 35 no.11:60-63 N '64. (MIRA 18:1)

1. Sverdlovskaya gorodskaya elektroset' (for Bida).
2. Kuybyshev-
energo (for Ivleyev).
3. Ivanovskaya kabel'naya set' (for Vese-
lovskiy, Popovnik).

VESELOVSKIY, A. P.

1430. INCREASING THE SERVICE LIFE OF TRANSFORMER OIL IN OIL-FILLED BUSHINGS BY MEANS OF VT-1 ADDITIVE. Veselovskiy, A.P. (Energetik (Moscow), 1952, 1-3). In 1940 VT-1 additive was incorporated in the turbine oil used in certain turbo-generators, considerably increasing the service life of the oil. Since the oil in certain bushings had to be changed every day or two years because of acid and sludge formation, it was decided, in 1940, to incorporate the same additive in a concentration of 0.01% in transformer oil used to fill 5 oil-filled bushings on Brown-Boveri switchgear. The switchgear was filled with oil without additive. In 7 1/2 years the neutralization value of the oil without additive rose steadily to 0.4 mg KOH/g, when it was changed, but that of the oil with additive rose to only 0.06 mg KOH/g in 10 years. Since 1952 additive-type oil has been used in all 110 kV bushings of transformers and switchgear. A solution of 3-4% additive in transformer oil is added to the oil used to fill the bushings in such quantity as to give an overall additive concentration of 0.01%. With oil that is susceptible to the additive, its use in oil-filled bushings permits appreciable savings in oil.

S.A.

VESELOVSKIY, A.P., inzh.

Use of the VTI-1 additive for increasing the life of transformer oil
in oil filled inlets. Energetik 10 no.2:29-30 F '62.
(MIRA 15:2)

(Insulating oils)

VESELOVSKIY, A.P., inzh.; POPOVNIH, M.G., inzh.

For maximum economy of oils. Energetik 8 no.11:379 N '60.
(MIRA 13:12)

(Insulating oils) (Electric transformers)

VESELOVSKIY, A.P., inzhener.

Prolonging the use of transformer oil in oil-immersed lead-ins by adding
(MLHA 6:8)
VTI-1. Energetik 1 no.3:2-3 Ag '53. (Electric transformers)

VESELOVSKIY A.P.

Electrical Engineering
Abst.
Section B
March 1954
Insulating Materials.
Insulators.

621.315.615.2 : (21.315.626)
496. Increasing the service life of transformer oil in oil-filled bushings by means of additive VTI-1. A. P. VESELOVSKIY. *Energetik*, No. 3, 1-3 (1953) In Russian.
In 1940 VTI-1 additive was incorporated in the turbine oil used in certain turbo-generators, considerably increasing the service life of the oil. Since the oil in certain bushings had to be changed every one or two years because of acid and sludge formation, it was decided, in 1943, to incorporate the same additive in a concentration of 0.01% in transformer oil used to fill 5 oil-filled bushings on Brown-Boveri switchgear. The sixth bushing was filled with oil without additive. In 7½ years the neutralization value of the oil without additive rose steadily to 0.4 mg KOH/g, when it was changed, but that of the oil with additive rose to only 0.06 mg KOH/g in 10 years. Since 1952 additive-type oil has been used in all 110 kV bushings of transformers and switchgear. A solution of 3-4% additive in transformer oil is added to the oil used to fill the bushings in such quantity as to give an overall additive concentration of 0.01%. With oil that is susceptible to the additive, its use in oil-filled bushings permits appreciable savings in oil.
W. R. STOKER

VESELOVSKIY, A.P., inzhener; DOMNICHEVA, Ye.M.

Using antioxidant additives in turbine oils. Elek.sta. 28 no.3:
22-24 Mr '57. (MIRA 10:5)

(Lubrication and lubricants)
(Turbines).

VESELOVSKIY, A.P., inzh.; POPOVNIK, M.O., inzh.

Increase of the life of the insulating oil of small electric power
transformers. Atom.energ. 17 no.5:12-16 My '62. (MIRA 15:5)
(Electric transformers) (Insulating oils)

VESELOVSKIY, A.P.

104-3-7/45

AUTHOR: Veselovskiy, A.P., Engineer and Domnischeva, Ye.N.
 TITLE: The application of anti-oxidant additives to turbine oils.
 (Primeneniye antiokislitel'nykh prisadok k turbinnym maslam)
 PERIODICAL: "Elektricheskiye Stantsii" (Power Stations), 1957,
 Vol. 28, No.3, pp. 22 - 24 (U.S.S.R.)

ABSTRACT: In the power system of Ivenergo work has been going on since 1940-41 to increase the service life of transformer and turbine oils by the use of adsorbents without stopping the equipment, the regeneration of transformer oil by adsorbents and sodium phosphate and the use of anti-oxidant additives in turbine and transformer oils. As a result the consumption of oil has been much reduced, the reliability of the operation of the equipment has been increased and other benefits have followed. Until 1940 the oil in a turbine type AK-25-1 operating in a base load station was usually changed once a year. At every oil change the oil system was dismantled and carefully cleaned. In 1940 0.01% of additive BTM-1 was added to the oil. At the end of 3 years the neutralisation value of the oil was much less than normal but it contained some finely dispersed sludge and was replaced. However, not all oils are susceptible to additive BTM-1 as has been shown by oxidation tests. However, another additive BTM-8 has been tried at a

Card 1/3

104-3-7/45

The application of anti-oxidant additives to turbine oils.
(Cont.)

concentration of 0.2% with very good oxidation test results. A disadvantage of additive BTM-8 is its liability to cause turbidity of the oil in service by interaction between the additive and certain unstable components of the oil. The oil has to be filtered with a filter press for several days in order to remove turbidity. During three months operation of the oil in a turbine the neutralisation value has remained unchanged. Oil containing additive BTM-1 operated unsatisfactorily in an SSW 35 MW turbo-generator set and had to be regenerated four times in the course of a year. The additive 2,6-ditertiary butyl-4-methyle phenol was added to the oil and gave good results. The main advantage of this additive is that it is easily soluble in the oil, a disadvantage is the high concentration of 0.2% which is required compared with the other anti-oxidants that are used. It is concluded that the use of additive BTM-1 in a concentration of 0.01% in new turbine oils that are susceptible to it increases the service life of these oils by several times. It would be desirable to obtain inhibited type turbine oils direct from the refineries. Alternatively the refineries should ensure that the oil is susceptible to the additive. The service life of turbine oil

Card 2/3

104-3-7/45

The application of anti-oxidant additives to turbine oils.
(Cont.)

is considerably extended by the use of 0.02% of additive BTM-8. This additive should be used immediately after the severest possible regeneration of the oil by an adsorbent. The deposit that forms in the oil in the first days after the addition of the additive should be removed by filtering the oil through a filter press until it is quite clear. The service life of turbine oil can be much increased by the use of alkylphenol additive the main advantage of this additive is its easy solubility and no deposits are formed when it is added to the oil. There are 3 figures and 2 Slavic references.

AVAILABLE: Library of Congress
Card 3/3

1. VESELOVSKIY, B. N.
2. USSR (600)
4. City Planning - Moscow
7. "History of planning and development of Moscow." P. V. Sytin. Gor.khoz.Mosk. 26 no.10, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

1. VESELOVSKIY, B. B., PROF.

2. USSR (600)

4. Moscow - City Planning

7. "History of planning and development of Moscow."
P. V. Sytin. Reviewed by Prof. B. B. Veselovskiy
Gor. Khoz. Mosk. 26. No. 10. 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

VESELOVSKII, B. K.
A. P. KAPUSTINSKII, Trudi Vsesoyuznogo Nauchno-Issledovatel'skogo
Instituta Mineral'nogo, 1936, (109) 68-94

VESELOVSKII, B. K.
E. V. BRITZKIE, ZhFKh, 5, 77-84(1934)

VESELOVSKII, B. K.

A. F. KAPUSTINSKII, Trudi Vsesoyuznogo Nauchno-Issledovatel'skogo Instituta
Mineral'nogo, 1936, 109, 68-74

~~RESTRICTED~~

VESELOVSKIY, B. K.

KAPUSTINSKIY, A. F., ZILBERMAN, A. and VESELOVSKIY, B. K. CA: 31-4868/5
Trans. All-Union Sci. Research Insti.-Econl Mineral 109, 68-94 (1936)
The system tin-carbon-oxygen.

~~RESTRICTED~~

~~RESTRICTED~~

VESELOVSKIY, B. K.

BRITSKE, E. V. and VESELOVSKIY, B. K.
(Dept. Tech. Sci., Acad. Sci. USSR)

CA: 33-5735/2

Izvestia. akad. Nauk USSR, Otdel. Tekn. Nauk 1937, No. 4. 479-88 (1938)
Calcium phosphate and its thermal properties.

~~RESTRICTED~~

~~RESTRICTED~~

VESELOVSKIY, B. K.

CA: 32-8251/4

KAPUSTINSKIY, A. F. and VESELOVSKIY, B. K.
(Inst. Applied Mineralogy, Moscow)
J. Phys. Chem. (USSR) 11, 68-76 (1938)
Heat capacity of silver sulfide.

~~RESTRICTED~~

OPEN										COMMON ELEMENTS										MATERIALS INDEX										PROCESSING AND PROPERTIES INDEX										DATE, 13 10 1964, Station 12									
ASB-51A METALLURGICAL LITERATURE CLASSIFICATION										FROM SOURCE										DATE OF INFO. ACQ.										A-1																			
SOURCE										TITLE										AUTHOR										SUBJECT																			
BC										Heat capacity of silver sulphide. A. F. KAPUS- TINKIN and B. K. VASILYEV (J. Phys. Chem. Russ., 1934, 11, 28-76).—The heat of transition of β - into γ -Ag ₂ S is 1060 ± 30 g.-cal. per mol. The heat capacity of γ -Ag ₂ S between 179° and 570° is 22.0 g.-cal. per mol. J. J. B.																																							

Ap. 16.

Vapour pressure of the sulphides of antimony, lead, cadmium, and zinc. H. K. Vashchukh (J. Appl. Chem. Russ., 1912, 12, 422-428).---
 Knudsen's method was used and checked on KCl between 846° and 971° K. Log p (in mm. Hg) of stable Sb_2S_3 at 846-900° K. is 12.846 - 11200/T, of CdS at 828-1030° K., 9.223 - 11254/T, and of ZnS (sphalerite) at 1023-1400° K., 9.498 - 14200/T. Log p of PbS is 2.262 at 878° and 1.686 at 1080° K. The error is $\pm 5\%$ except for ZnS , for which it is larger because of oxidation. Thermodynamic functions of the sulphides are calc.; it is necessary to assume that Sb_2S_3 is the correct formula of Sb sulphide. Freshly sublimed Sb_2S_3 has a higher v.p. than recryst. Sb_2S_3 . J. J. B.

VEDLOVSKI, S. A.

I. V. BRITZKE, ZhFKh, 1934, 5, 77-84, 103-106

Ca

Stability and volatility of Sn oxides. B. K. Vasylovskii. *J. Applied Chem. (U. S. S. R.)* 14, No. 9/10, 207-418(1963) (English summary).—On the basis of thermodynamic data of the system Sn-SnO-SnO₂ it was shown that there exists a zone of stability of the lower oxide, in the range 280-680°C., for the reaction $2\text{SnO} = \text{Sn}_2\text{O}_3$. For this reaction were detd.: $\Delta F^\circ_{298} = -20 \pm 5$; $\Delta H^\circ_{298} = -68 \pm 100$; $\Delta S^\circ_{298} = -2.12 \pm 0.3$; $\Delta F^\circ_{1000} = 80$. By Krasovskii's equation method it was shown that in the equl. of SnO and Sn₂O₃ 700-800°, the thermal value of entropy of SnO in $\text{J/mole}^\circ\text{K} = 22.85 \pm 1.0$, which is in good agreement with the statistically derived value from mol. and spectrum data (53.32). Calcula. were made on the mechanism of the initial stages of reduction of cassiterite at high temps., and conditions were shown for lowering the loss of Sn in technological processes. It was shown that volatility of Sn at high temp. is due to volatility of gaseous SnO. G. I. Korotapoff.

ABSTRACT METALLURGICAL LITERATURE CLASSIFICATION

FROM RIVINGTONS

1000000 HIF ONY 400

COLLECTION

FROM RIVINGTONS

811137 ONY 111

LIST AND INDEX SERVICES										PROCESSING AND PROPERTY INDEX										JMS AND JTM CAPS									
<p>Heat capacity of silver sulfide. A. P. Kapustin and B. K. Yashkovskii. <i>J. Phys. Chem. (U. S. S. R.)</i> 51, 68-70 (1988).—The heat of transition of β- into γ-Ag₂S is 1050 ± 20 cal. per mol. The heat capacity of γ-Ag₂S between 170° and 870° is 22.0 cal. per mol.</p> <p>B. C. P. A.</p>																													
<p>ASM-31A METALLURGICAL LITERATURE CLASSIFICATION</p>																													
100000 000										100000 000 000 000										100000 000 000 000									
100000 000										100000 000 000 000										100000 000 000 000									

Cd

7

PROCEDURES AND PROPERTIES INDEX
Hg.-vacuum sublimation as a method for detecting
and concentrating rare elements. H. K. Vrslovskii.
Zavodskaya Lab. 10, 372 (1941) - The app. used was
essentially that of Klein and Vogel and the vacuum was
of the order of 10^{-6} - 10^{-8} mm. Hg. Minerals subjected to
sublimation were sphalerite and chalcopyrite. The results
indicate that with sphalerite the Sb, Sn and Pb went over
almost completely into the sublimate while Cd and Ag
were divided about evenly between the sublimate and the
residue. Spectral analysis showed no Ge in the mineral
(less than 0.0001%) but the sublimate had about 0.001%
Ge. The chalcopyrite had a complex compn. and was sub-
limated stepwise. The As was sublimated almost com-
pletely in the first two stages, Sb showed small amts. in
the residue after two stages, and the sulfides of Sn, Ge and
Pb were concd. chiefly in high-temp. (800-880°) subli-
mates. Ge was present in the sample in 0.001% and in the
second sublimate in 0.01-0.1%. Spectral analysis shows
no Ge in the residue after second sublimation (less than
0.0001%) but in the third sublimate it was present in up
to 0.001%. Ga and In remained in the residue completely;
and were not present in the 800-880° sublimates.

n 7 Kamich

TEST AND CHECK COVERS																										PROCESSES AND PROPERTIES AREA																									
1ST AND 2ND COVERS																										3RD AND 4TH COVERS																									
<div style="position: relative; height: 100px;"> ca 2 </div>																										<p>The theory of crystals. I. General equations of the energy of crystal lattices. A. P. Kapustinikii. <i>J. Phys. Chem.</i> (U. S. S. R.) 3, 50-53 (1964); (I. C. A. 28, 2337).</p> <p>A relationship between Madelung coeffs. and various crystal structures was set up, and the equation $U_0 = (\sum u/2) \cdot a \cdot (N_0 \cdot q_m / R_0) [1 - (1/m)]$, was derived, in which m is an integer from 5 to 12, a is Avogadro's number, Z_0 is the number of atoms in the mol., a is a const. approx. 1.7, and q_1, q_2 are the valences. For calc. the energy of crystal lattices independently of crystal structure the equation $U = 250.1 Z_0 q_m / (r_1 + r_2)$ is suggested, in which r_1 and r_2 are the ionic radii. II. Energy of a crystal and its thermochemical application. A. P. Kapustinikii and B. K. Veselovskii. <i>Ibid.</i> 64-72.—A table giving the crit. "BSE" calc. values for U and U_0 shows good agreement for many fluorides, chlorides, bromides, iodides, oxides and sulfides. A nomogram is given for rapid calc. of the heat effects of typical heteropolar compds. III. Relationships of energy in morphotropic series of crystals. Polymorphism and isomorphism. A. P. Kapustinikii. <i>Ibid.</i> 73-81.—On the basis of energy data on several Sn compds., the radius of Sn^{2+} is found to be $1.04 \pm 0.02 \text{ \AA}$.</p> <p style="text-align: right;">F. H. Rathmann</p>																									
																										<p>ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION</p> <p>1964-1965</p>																									

1. VESELOVSKIY, B. S.
2. USSR (600)
4. Champagne (wine)
7. New machinery for champagne production. Vin. SSSR 12, No. 11, 1952.

9. Monthly List of Russian Accessions. Library of Congress. March, 1953. Unclassified

VECELOVSKIY, B. S.

Champagne (Wine)

Assembly-line method for bottling bulk champagne. Vin. SSSR 13, No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

L 11913-66 EWT(m)/T/ENA(m)-2

ACC NR: AP6001.56

SOURCE CODE: UR/6367/65/00:1/663/6496/6566

AUTHOR: Veselovskiy, G.S.; Grashin, A.F.; Demidov, V.S.; Kuznetsov, Ye. P.; Ponomarev, A.K.; Protasov, V.P.; Sergeyev, F.M.

ORG: Institute of Theoretical and Experimental Physics, GKIAE (Institut teoreticheskoy i eksperimental'noy fiziki)

TITLE: Production of slow pi mesons on light nuclei and the pi-pi interaction

SOURCE: Yadernaya fizika, v. 2, no. 3, 1965, 496-500

TOPIC TAGS: pi meson, pion pion interaction

ABSTRACT: The object of the study was to find the possible resonance states in a system composed of two π -mesons at low energies:

$$Q = M_{\pi\pi} - 2\mu = [(\omega_{\pi_1} + \omega_{\pi_2})^2 - (p_{\pi_1} + p_{\pi_2})^2]^{1/2} - 2\mu \lesssim \mu$$

μ being the mass of a π -meson. The statistical material was obtained by studying the production of slow π^\pm mesons upon collision of π^- mesons (initial momentum 2.8 GeV/sec) with nuclei of a freon mixture in a 17- and 200-liter bubble chambers. In analyzing the films, all those cases were selected which involved interaction between π -mesons and the nuclei of the working liquid, resulting in the formation of two or more slow π -mesons which stopped in the working substance of the chamber. The Q distributions of the bignon in the range $Q < 100$ MeV were obtained. The distribution for $\pi^+\pi^-$ pairs differs from that for $\pi^+\pi^+$ and

Card 1/2

L 11913-66

ACC NR: AP6001156

$\pi^-\pi^-$ pairs; this may be explained by the presence of a strong $\pi\pi$ interaction in the isotopic state $T = 0$. Orig. art. has: 5 figures.

SUB CODE: 20 / SUBM DATE: 03Jul64 / ORIG REF: 004 / OTH REF: 001

BC
Card 2/2

AKSYANTSEV, M.I.; VESELOVSKIY, D.A.

Reaction of the body internal relations following afferent stimulations of the bone system. Fiziol.zhur. 50 no.1:58-63 Ja '64.
(MIRA 18:1)

1. Nauchno-issledovatel'skiy institut travmatologii i ortopedii,
Kazan'.

1-58251-65 EPP(1)/BNT(1)/REC(1) FI-4 127(0) 00/00 31
 UR/5138/64/500/273/0001/0006 29
 ACCESSION NR: AT5010455 B+1

AUTHORS: Versbryusov, V. S.; Veselovskiy, G. S.; Grashin, A. P.;
 Demidov, V. S.; Kuznetsov, Ye. V.; Kuznetsov, Ye. P.; Ponomarev, A. K.;
 Protasov, V. P.; Sergeyev, F. M.; Shaferov, Ya. Y.

TITLE: Data on pp resonance with $Q = 148$ MeV

SOURCE: USSR, Gosudarstvennyy komitet po ispl'zovaniyu atomnoy
 energii. Institut teoreticheskoy i eksperimental'noy fiziki. Doklady
 no. 273, 1964, Dannyye o pp-rezonanse s $Q = 148$ MeV, 1-8

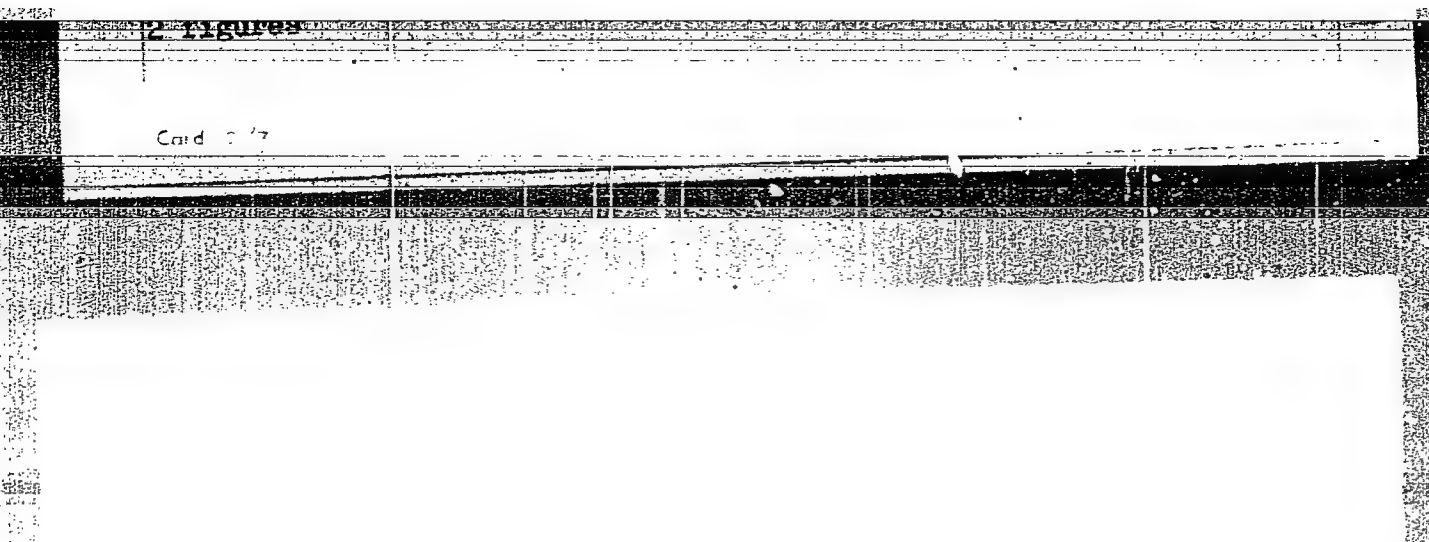
TOPIC TAGS: proton, proton resonance, diproton resonance, pion nucleon
 resonance, excitation energy

ABSTRACT: The authors present data on a possible new photon resonance
 with excitation energy 148 MeV. The photographs were obtained with a
 17-liter bubble chamber filled with a freon mixture (without magnetic
 field) + masses of the OIYal Joint In-

INSTITUTE OF Nuclear Research

Card 1/3

L 50755-0



NR REP SOV: 001

OTHER: 002

Card 3/3

VESELOVSKIY, G.V.

Constructing lines of influence for continuous beams with plane
broken contour. Trudy NPI 117:23-34 '61. (MIRA 15:7)
(Beams and girders, Continuous)

VORONTSOV, G.V.; VOROB'YEV, L.N., dots., otv. red.; VESELOVSKIY, G.V., dots., red.; ZARIP'YAN, A.Z., starshiy prepodavatel', red.; NAUMOVA, Yu.A., tekhn. red.

[Numerical solution of problems in structural mechanics for rods by the mixed matrix method] Chislennoe reshenie zadach stroitel'noi mekhaniki sterzhnei po matrichnomu smeshannomu metodu. Novocherkassk, Redaktsionno-izdatel'skii otдел NPI, 1962. 96 p. (MIRA 16:2)

(Elastic rods and wires) (Matrices)

VESELOVSKIY, G.V.

Constructing lines of influence for continuous beams with plane
broken contour. Trudy NPI 117:23-34 '61. (MIRA 15:7)
(Beams and girders, Continuous)

VESELOVSKIY, G.V.

Plotting the influence lines for round continuous beams and collars
using formulas of unit displacements. Trudy NPI 91:3-22 '60.

(MIRA 14:5)

(Girders)

VORONTSOV, Georgiy Vasil'yevich, dots., kand. tekhn. nauk;
VESELOVSKIY, G.V., dots., red.; ZARIF'YAN, A.Z., dots.,
red.; DOROV, I.S., dots., red.

[Free and forced vibrations of rods and frames] Svobodnye
i vyzhdennye kolebaniya stержnei i ram. Novocherkassk,
Redaktsionno-izdatel'skii otdel NPI, 1963. 11 p.
(MIRA 17:1)

1. Novocherkassk. Politeknicheskii institut.

SOV/124-57-8-9497

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 8, p 132 (USSR)

AUTHOR: Veselovskiy, G. V.

TITLE: Analysis of a Continuous Beam Having a Circular Axis (Raschet nerazreznoy balki s krugovoy os'yu)

PERIODICAL: Nauch. tr. Novocherkas. politekhn. in-ta, 1955, Vol 29 (43), pp 52-64

ABSTRACT: The author describes a method for analyzing an open-section continuous curvilinear beam, a method involving use of a six-support-moment equation system. A beam having an axis in the form of a circular arc, for the purposes of this analysis, is treated as though it were a continuous straight beam. Formulae are adduced for calculation of the coefficients contained in the six-support-moment equation system. The problem of the rational calculation of the free terms in these equations is not touched upon. Simplified formulae are offered for a case where in the supports are placed at uniform intervals. The method described in this paper is applicable only to circular beams resting on an odd number of supports.

Card 1/1

Yu. P. Grigor'yev

VESELOVSKIY G.V. , dotsent, kandidat tekhnicheskikh nauk.

Calculating continuous beam with the circular shaft. Nauch.trudy
NPI 29:52-64 '55. (MIRA 10:1)

1. Novochoerkasskiy politekhnicheskii institut, Kafedra stroitel'noy
mekhaniki. (Girdeys)

USSR/Cultivated Plants - Potatoes, Vegetables, Melons.

M.

Abs Jour : Red Zhur - Biol., No 10, 1956, 44089

Author : Voselovskiy, I.A.

Inst : Leningrad Agricultural Institute.

Title : Selection of Potatoes Resistant to Fungus Diseases and
Selection with Regard to Quick Ripening.

Orig Pub : Zap. Leningr. s.-kh. in-ta, 1956, vyp. 11, 306-309

Abstract : This article characterizes the conditions contributing to the development of canker and phytophthora. The resistant varieties and forms which may be used in selection are noted. In crossing Ubel x S. andigenum (tozanum form) Izandra variety was developed which is resistant to the most dangerous south German race of potato canker G. The following phytophthora resistant potato hybrids for prospective production were also developed:

Card 1/2

- USSR/Cultivated plants - Potatoes, Vegetables, Melons.

h.

Abs Jour : Ref Zhur - Biol., No 10, 1953, 44089

Isandra x Kanorasa; S. demissum x (Popo x Katadin) x
Rosapholia; Severnaya Rosa x S. demissum x (Popo x Popo).
Also developed were the following quickly ripening varieties
at present assigned to rayons Kalitinsk (Cobbler x
Smolensky), Epron (Epicure x Alma), Isandra. By crossing
Epicure x (Epicure x Cobbler) an early quickly maturing
variety Murmansk (196/72) was obtained. -- G.H.
Chernov

Card 2/2

- 43 -

VESELOVSKIY, I.A.

Thladiantha. Bot. zhur. 48 no.4:564 Ap '63.

(MIRA 16:5)

1. Ieningradskiy sel'skokhozyaystvennyy institut. Bot. zhur. 48
no.4:564 Ap '63.

(MIRA 16:5)

(Thladiantha)

VESELOVSKIY, Icil' Aleksandrovich, zasl. deyatel' nauki RSFSR.
Prizimala uchastiye VESELOVSKAYA, M.A., kand. sel'khoz.
nauk; PEN'KOVA, G.A., red.

[Breeding and seed production of vegetables and fruit
crops] Seleksiia i semenovodstvo ovoshchnykh i plodo-
vykh kul'tur. Leningrad, Kolos, 1965. 230 p.
(MIRA 18:7)

VESELOVSKIY, Ioil' Aleksandrovich, prof., doktor sel'khoz. nauk;
VESELOVSKAYA, Mariya Aleksandrovna, kand. sel'khoz. nauk;
KOZHEVNIKOVA, Nataliya Nikolayevna, kand. sel'khoz. nauk;
PENKOVA, G.A., red.; BARANOVA, L.G., tekhn. red.

[Laboratory and field manual on the breeding and seed production of vegetable crops] Praktikum po selektsii i semenovodstvu oshchnykh kul'tur; dopushcheno upravleniem vysshego i srednego sel'skokhoziaistvennogo obrazovaniia Ministerstva sel'skogo khoziaistva SSSR v kachestve uchebnogo posobiia dlia podoovoshchnykh institutov i fakul'tetov. Leningrad, Sel'khozizdat, 1963. 141 p. (MIRA 16:7)
(Vegetable breeding—Study and teaching)

VESELOVSKIY, Ioil' Aleksandrovich, doktor sel'khoz. nauk, prof.;
MAL'CHIKOVA, V.K., red.; LEVONEVSKAYA, L.G., tekhn. red.

[Manual on field testing of potatoes; an aid for the testing
agronomist] Pamiatka po aprobatsii kartofelia; v pomoshch' ag-
ronomu-aprobatoru. Leningrad, Lenizdat, 1961. 70 p.
(MIRA 15:7)

(Seed potatoes)

VESELOVSKIY, I.A.; BELOSEL'SKAYA, Z.G.; MARKELOVA, V.P.; LEBEDEV, V.A.,
ref.; TIKHONOVA, I.M., tekhn. red.

[Calendar for the collective and state farm fruit and vegetable
grower] Kalendar kolkhoznogo i sovkhoznogo sadovoda i ovozhchevoda.
Leningrad, Lenizdat, 1962. 31 p. (MIRA 15:5)
(Fruit culture) (Vegetable gardening)

VESELOVSKIY, I. A.

21885 VESELOVSKIY, I. A. i VESELOVSKAYA, M. N.

Sortoizucheniye Kartofelya i ovoshchnykh Kul'tur v Leningradskoy oblasti
Trudy Pushkinsk. s. - Kl. in - ta, t. XIX, 1949, s. 33-44.

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949

VESELOVSKII, IOIL ALEKSANDROVICH

Potatoes Leningrad, Izd. Vses. in-ta prikladnoi botaniki i novykh
kul'tur, 1930, 178 p. (32-851)

SB211.P8V4

VESELOVSKIY, I. A.

21884

VESELOVSKIY, I. A. i VESELOVSKAYA, M. N.

K voprosu o selektsii Kartofelya NA skorospelost' -
Trudy Pushkinsk. s - ka. in - ta. t. XIX, 1949, s. 29-32.

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949

VESELOVSKIY, I.A.

Recollections about Artur Arturovich Iachevskii. Trudy VIZR
no.23:41-42 '64. (MIRA 19:2)

28

cr

Biochemical and anatomic characteristics of starch.
 I. A. Vershinskiy. *Khlopkovo-Homoshkovo* from 1930.
 No. 2, 43-47. Biochem. analysis of pure starch obtained
 from various types of potatoes indicates that the ash con-
 ts. A, viscosity (v), and P are definitely related, the v
 increasing with increasing ash and P. For P content
 ranging from 0.003 to 0.124% and ash from 0.147 to
 0.301% the v ranged from 4.1 to 14.1% (for 0.30% starch
 ash, referred to water). The larger the grains of starch
 with the easier it is hydrolyzed with acid. Potatoes stored with
 various starches were tested for strength and those treated
 with starch from the potato were the strongest.
 H. Z. Kanich

ASB-SLA METALLURGICAL LITERATURE (CLASSIFICATION)

CLASSIFICATION	DATE	REMARKS
SLA	1930	
SLA	1931	
SLA	1932	
SLA	1933	
SLA	1934	
SLA	1935	
SLA	1936	
SLA	1937	
SLA	1938	
SLA	1939	
SLA	1940	
SLA	1941	
SLA	1942	
SLA	1943	
SLA	1944	
SLA	1945	
SLA	1946	
SLA	1947	
SLA	1948	
SLA	1949	
SLA	1950	
SLA	1951	
SLA	1952	
SLA	1953	
SLA	1954	
SLA	1955	
SLA	1956	
SLA	1957	
SLA	1958	
SLA	1959	
SLA	1960	
SLA	1961	
SLA	1962	
SLA	1963	
SLA	1964	
SLA	1965	
SLA	1966	
SLA	1967	
SLA	1968	
SLA	1969	
SLA	1970	
SLA	1971	
SLA	1972	
SLA	1973	
SLA	1974	
SLA	1975	
SLA	1976	
SLA	1977	
SLA	1978	
SLA	1979	
SLA	1980	
SLA	1981	
SLA	1982	
SLA	1983	
SLA	1984	
SLA	1985	
SLA	1986	
SLA	1987	
SLA	1988	
SLA	1989	
SLA	1990	
SLA	1991	
SLA	1992	
SLA	1993	
SLA	1994	
SLA	1995	
SLA	1996	
SLA	1997	
SLA	1998	
SLA	1999	
SLA	2000	
SLA	2001	
SLA	2002	
SLA	2003	
SLA	2004	
SLA	2005	
SLA	2006	
SLA	2007	
SLA	2008	
SLA	2009	
SLA	2010	
SLA	2011	
SLA	2012	
SLA	2013	
SLA	2014	
SLA	2015	
SLA	2016	
SLA	2017	
SLA	2018	
SLA	2019	
SLA	2020	
SLA	2021	
SLA	2022	
SLA	2023	
SLA	2024	
SLA	2025	
SLA	2026	
SLA	2027	
SLA	2028	
SLA	2029	
SLA	2030	
SLA	2031	
SLA	2032	
SLA	2033	
SLA	2034	
SLA	2035	
SLA	2036	
SLA	2037	
SLA	2038	
SLA	2039	
SLA	2040	
SLA	2041	
SLA	2042	
SLA	2043	
SLA	2044	
SLA	2045	
SLA	2046	
SLA	2047	
SLA	2048	
SLA	2049	
SLA	2050	
SLA	2051	
SLA	2052	
SLA	2053	
SLA	2054	
SLA	2055	
SLA	2056	
SLA	2057	
SLA	2058	
SLA	2059	
SLA	2060	
SLA	2061	
SLA	2062	
SLA	2063	
SLA	2064	
SLA	2065	
SLA	2066	
SLA	2067	
SLA	2068	
SLA	2069	
SLA	2070	
SLA	2071	
SLA	2072	
SLA	2073	
SLA	2074	
SLA	2075	
SLA	2076	
SLA	2077	
SLA	2078	
SLA	2079	
SLA	2080	
SLA	2081	
SLA	2082	
SLA	2083	
SLA	2084	
SLA	2085	
SLA	2086	
SLA	2087	
SLA	2088	
SLA	2089	
SLA	2090	
SLA	2091	
SLA	2092	
SLA	2093	
SLA	2094	
SLA	2095	
SLA	2096	
SLA	2097	
SLA	2098	
SLA	2099	
SLA	2100	

BEREZOVSKIY, B.Ya.[deceased]; VESELOVSKIY, I.N.; MODESTOV, A.Y.
[deceased]; LEVKOVICH, V.D.; BEZRUKOVA, N., red.; KALECHITS, G.,
tekh. red.

[Reference book on elementary mathematics, mechanics, and
physics] Spravochnik po elementarnoi matematike, mekhanike i fi-
zike. Izd. 8. Minsk, Gos. izd-vo BSSR. Redaktsiia nauchno-tekhn.
lit-ry, 1962. 199 p. (MIRA 16:3)
(Mathematics) (Mechanics) (Physics)

ARKHIMED [Archimedes]; VESELOVSKIY, I.N. [translator]; ROZENFEL'D,
B.A. [translator]; VYGODSKIY, M.Ya., retsenzent; ZUBOV, V.P.,
retsenzent; CHERNYSHEVA, L.Yu., red.; KOLESNIKOVA, A.P.,
tekhn. red.; MURASHEVA, N.Ya., tekhn. red.

[Works] Sochineniia. Vstup. stat'ia i kommentarii I.N. Veselov-
skogo. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 639 p.
(MIRA 16:1)

(Archimedes)

BOBROV, Sergey Pavlovich; VESELOVSKIY, I.N., prof., nauchnyy red.;
MIKOYAN, E.P., otv. red.; PERTSEVA, T.V., tekhn. red.

[An Archimedian summer, or the story of a friendly group of
young mathematicians] Arkhimedovo leto ili Istorija sodruzhe-
stva iunyykh matematikov. Moskva, Detgiz. Book 2. 1962. 327 p.
(MIRA 15:11)

(Mathematics—Juvenile literature)

~~VERHOVSKII, I. I.~~

Some problems in Euler's mechanics. Trudy Inst. ist. est. i tekhn.
19:271-281 '57. (MIRA 11:2)
(Euler, Leonhard, 1707-1783) (Mechanics)

MEMORARIY, Iordan [Memorarius, J.]; SHREYDER, S.N.[translator] [deceased];
VESELOVSKIY, I.N.,red.

Given numbers. Ist.-mat. issl. no.12:559-654 '59.
(Mathematics)

(MIRA 13:11)

VESELOVSKIY, I.N.

Sources of "Derevolutionibus" by Copernicus. Ist.-astron.
issl. no. 6:29-53 '60. (MIRA 14:2)
(Copernicus, Nicolaus, 1473-1543)

VESELOVSKIY, I.N.

Aristarchus of Samos, Copernicus of the antiquity. Ist.-astron.
issl. no.7:30-70 '61. (MIRA 14:9)
(Aristarchus of Samos)

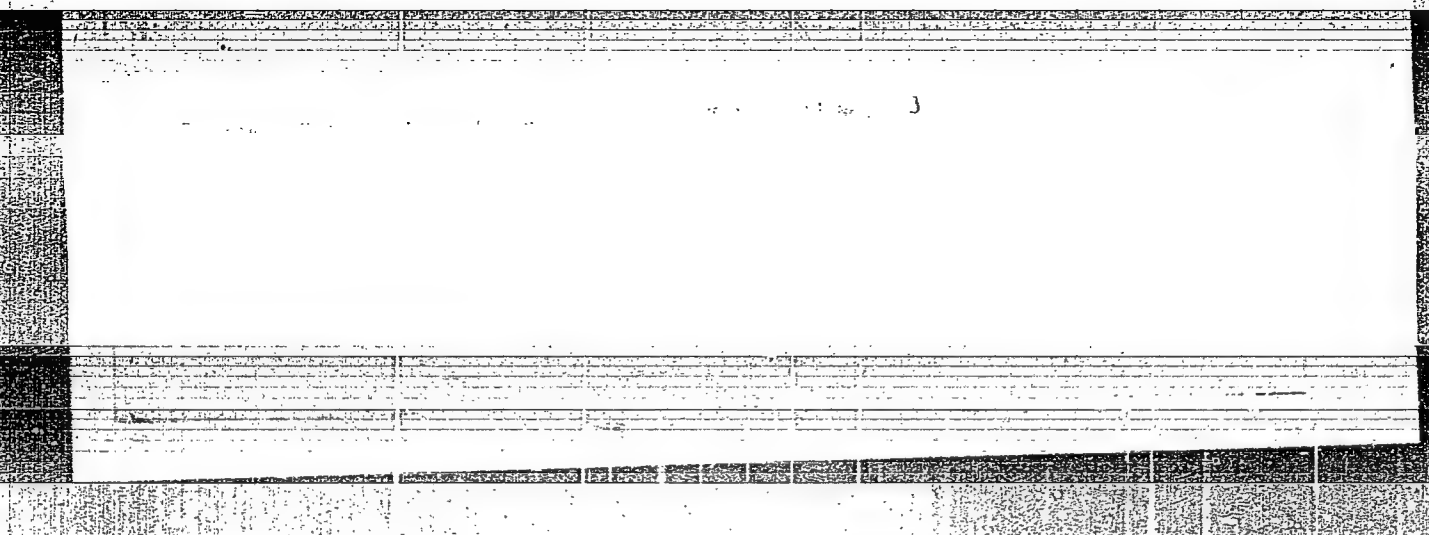
VESELOVSKIY, I.N., doktor fiziko-matematicheskikh nauk, professor.

N.E. Zhukovskii and the teaching of mechanics. [Trudy] MFTU no.50:
9-26 '56. (MLRA 9:8)

(Zhukovskii, Nikolai Egorovich 1847-1921)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859610020-9



APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859610020-9"

VESELOVSKIY IVAN NIKOLAEVICH, 1892-

Technical mechanics; a textbook for self-education Moskva, Gos.
izd-vo tekhn.-teoretich. lit-ry, 1943. 282 p. (49-34214)

TA350.V4

VESELOVSKIY, I. N.

"Vavilonskiy's Mathematics" from Works of the Historical Inst. on Natural Sciences
and Engineering, Vol. 5, p. 241, 1955.

VESELOVSKIY, I.N., doktor fiziko-matematicheskikh nauk, professor.

Determination of falling body deviation caused by the earth's
rotation and the theory of Foucault's pendulum. [Trudy] MVTU no.50:
120-123 '56. (MLRA 9:8)

(Earth--Rotation)

VESELOVSKIY, I. N.

"A Simple Method of Determining the Deviation of Falling Bodies, Resulting From the Rotation of the Earth, and the Foucault Pendulum," by I. N. Veselovskiy, Doctor of Physical-Mathematical Sciences, Mekhanika, Moscow Higher Technical School, No 50, Oborongiz, Moscow, 1956, pp 120-123

For the approximate calculation of the Coriolis force of inertia, it is assumed that the relative velocity of a falling body is vertical. The author studies the case of vertical fall at the equator. The general case of a fall at latitude ϕ can be reduced to a fall at the equator by replacing the angular velocity ω of the rotation of the earth with $\omega \cos \phi$. The resulting equations concur with the first approximation obtained by the usual method of resolving along degrees ϕ .

The elementary theory of the Foucault pendulum is similarly investigated.

Sum 1258

VESELOVSKIY, I. N.

"Babylonian Mathematics." Sub 25 Jun 47, Moscow Order of Lenin State
U imeni M. V. Lomonosov

Dissertations presented for degrees in science and engineering in
Moscow in 1947

80: Sum No. 457, 18 Apr 55

VESHLOVSKIY, I.N.

**VESHLOVSKIY, Ivan Nikolayevich; ZHARKOV, D.V., redaktor; AKHLAMOV, S.N.,
tekhnicheskii redaktor**

[Collection of problems in theoretical mechanics] Sbornik zadach
po teoreticheskoi mekhanike. Pri red.uchastii D.V.Zharkova.
Moskva, Gos.izd-vo tekhniko-teoret.lit-ry, 1955. 500 p.
(Mechanics--Problems, exercises, etc) (MIRA 9:1)

VESELOVSKIY, I. N. Dr. Physicomath. Sci.

Dissertation: " Babylonian Mathematics. " Moscow Order of Lenin State U. imeni
M. V. Lomonosov. 25 Jun. 1947.

SO: Vechernyaya Moskva, Jun. 1947(Project # 17836)

VERELOVSKIY, Ivan Nikolayevich

[Christiaan Huygens] Khristian Gniigens. Moskva, uchebno-
pedagog.izd-vo, 1959. 109 p. (MIRA 14:3)
(Huygens, Christiaan, 1629-1695)

VESELOVSKIY, I.N.

"The land of Stevin and Huygens" [in Dutch] by D.J.Struik. Reviewed by I.N.Veselovskii. Vop.ist.est.i tekhn. no.8:168-171 '59. (MIRA 13:5)

(Netherlands--Science)
(Struik, D.J.)